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ABSTRACT

This document consists of 15 data tables, without accompanying text, for a National Center for Restructuring Education, Schools, and Teaching (NCREST) presentation on the education and economic condition of Hispanic Americans. Each table contains a source note. The following are the table titles: (1) "Resident Population of the United States, By Race/Ethnicity" (1990 Census); (2) "Growth of U.S. Resident Population, By Race/Ethnicity"; (3) "Changes in the Ethnic Composition of New York City's Population: 1980 and 1990"; (4) "The 1990 Census: How Metropolitan Areas Have Changed"; (5) "Ethnic Changes in the Classroom (as projected to 1995); (6) "Ethnic/Racial Family Income Differentials in the United States" (1970-1990); (7) "Real Family Income in the United States, By Race/Ethnicity" (in 1985 dollars); (8) "Family Structure, Income and Poverty in the U.S., By Race/Ethnicity" (1990); (9) "Labor Market Statistics, By Race/Ethnicity: March 1990" (persons 16 years old and older); (10) "Occupational Distribution of Employed Workers, By Race/Ethnicity" (persons 16 years old and older); (11) "Median Earnings Differentials, By Race/Ethnicity" (employed civilians over 16 years old, 1990); (12) "Median Age and Labor Market Experience of the Population, By Race/Ethnicity" (1990); (13) "Median Years of School Completed, By Race/Ethnicity" (persons 25 years old or older); (14) "High School and College Completion Rates (%), By Race/Ethnicity" (persons 25 years old or older); and (15) "Quantitative Literacy Skills Among Young Adults." Four sample questions from the National Assessment of Educational Progress' Young Adult Literacy Survey Quantitative Literacy Test are appended. (JB)

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EDUCATION AND THE ECONOMIC CONDITION OF HISPANICS IN THE UNITED STATES

BACKGROUND TABLES FOR NCREST PRESENTATION*

February 1992

Dr. Francisco L. Rivera-Batiz Director, IUME and Asssociate Professor of Economics and Education Teachers College, Columbia University

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement EDUCATIONAL PESOURCES INFORMATION
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*Presented at National Center for Restructuring Education, Schools and Teaching, Teachers College, Columbia University, February 18, 1992.

TABLE 1

RESIDENT POPULATION OF THE UNITED TATES, BY RACE/ETHNICITY

1990 Census of Popu on Count

| Ethnic/Racial Group | Population | Proportion of Population (%) |
|-----------------------------------|-------------|-------------------------------------|
| Total United States | 248,710,000 | 100.0% |
| White | 199,686,000 | 80.3% |
| Black | 29,986,000 | 12.1% |
| Hispanic | 22,354,000 | 9.0% |
| Mexican Origin | 14,306,560 | (64.0% of Hispanic Population) |
| Puerto Rican | 2,347,000 | (10.5%) |
| Central/South American | 3,062,498 | (13.7%) |
| Cuban Origin | 1,095,346 | (4.9%) |
| Other | 1,542,426 | (6.9%) |
| Asian/Pacific Islander | 7,275,000 | 2.9% |
| Chinese Origin | 1,644,150 | (22.6% of Asian/Pacific Population) |
| Filipino | 1,404,075 | (19.3%) |
| Japanese Origin | 851,175 | (11.7%) |
| Korean Origin | 800,250 | (11.0%) |
| Indian Origin | 814,800 | (11.2%) |
| Other | 1,760,550 | (24.2%) |
| American Indian, Eskimo, Aleut | 1,959,000 | 0.8% |

Source: U.S. Department of Commerce, Bureau of the Census, 1990 U.S. Census of Population, April 1991.



TABLE 2

GROWTH OF U.S. RESIDENT POPULATION, BY RACE/ETHNICITY

1980-1990 Total Increase

| Population | 9.8% |
|---|--------|
| Growth of White Population | 6.0% |
| Growth of Black Population | 13.2% |
| Growth of Hispanic Population | 53.0% |
| Growth of Asian/Pacific Islander Population | 107.8% |
| Growth of Other Population | 45.1% |

Source: U.S. Department of Commerce, Bureau of the Census, 1990 U.S. Census of Population, April 1991.



TABLE 3

CHANGES IN THE ETHNIC COMPOSITION OF NEW YORK CITY'S POPULATION: 1980 AND 1990

| | 1980 | 1990 |
|--|-------------------|--------------------|
| Total for the Five Boroughs (Bronx, Brooklyn, Manhattan, Queens and Staten Island) | | |
| Overall Population | 7,071,639 (100%) | 7,322,564 (100%) |
| Non-Hispanic White | 3,705,538 (52.4%) | 3,163,347 (43.2%) |
| Non-Hispanic Black | 1,697,193 (24.0%) | 1,845,286 (25.2%) |
| Hispanic | 1,407,256 (19.9%) | 1,786,706 (24.4) |
| Asian/Pacific Islander | 240,435 (3.4%) | 490,611 (6.7%) |
| Other | 21,214 (0.3%) | 36,612 (0.5%) |
| Borough of the Bronx | Proportion of the | e Total Population |
| Overall Population | 100.0 | 100.0 |
| Non-Hispanic White | 34.4 | 22.6 |
| Non-Hispanic Black | 29.9 | 30.7 |
| Hispanic | 33.8 | 43.5 |
| Asian/Pacific Islander | 1.4 | 2.6 |
| Other | 0.5 | 0.6 |
| Borough of Staten Island | | |
| Overall Population | 100.0 | 100.0 |
| Non-Hispanic White | 85.4 | 80.0 |
| All others | 14.6 | 20.0 |

Source: New York City Department of City Planning, from U.S. Department of Commerce, Bureau of the Census, 1990 U.S. Census of Population, April 1991.

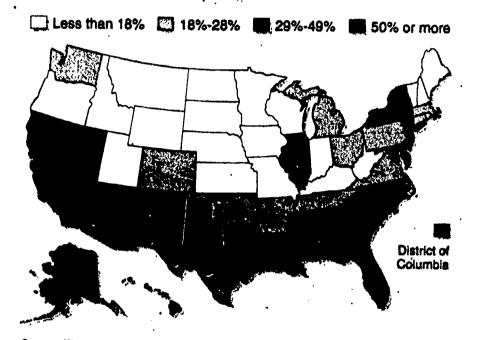


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|--|--|--|--|--|--|--|
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| 建设建设设施的设施,这一种政策的企业政策发展的企业的企业的企业的企业的企业 | 是一种的一种,但是一种的一种。 第二种种种的一种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种 | LEADING TO A SECTION AND A SECTION AND ASSESSMENT OF THE PARTY OF THE | exitemat | TO CONTROL OF THE PARTY OF THE | The state of the s | |
| | and the state of the | 4.44 | and the | o, and April 1, 1980, as obtained by | | |
| | | | | | | |
| Metropolitan Area | 1990 | 1980 ° | 。Chg. | Metropolitan Area | 1990 | 1980 % Chg. |
| | A CONTRACTOR OF THE PARTY OF TH | San Arma Park | | A the second as the second second as a second secon | 4,779,118 | 788.814 78.4 |
| Market and the second s | 547,725 1 | 557,287 | - 0.6 | New York-No. New Jersey-Long I. | 4.1 | 2,050,998 35.4 |
| | • | | | Maril Fort Lauderdela | 1,061,846 | 621,309 70.6 |
| | | ,032,882 | 6.5 | San Francisco-Oakland-San Jose | 970,403 | 660,190 47.0 |
| | 041354 | 17567 | | Chicago Gary-Lake Co. | 893,422 | 632,443 |
| Detroit-Ann Arbor | 975,199 | 921,168 | 5.9 | Houston-Galveston-Brazoria | 772,295 | 448,460 72.2 |
| A CONTRACTOR OF THE PARTY OF TH | 799364 | | | Sen Arnone | 620,290 | 401,511 |
| Houston-Galveston-Brazoria Co. | 665,378 | 564,838 | 17.8 | Dallas-Fort Worth | 518,917 | 247,823 109.4 |
| Bearing | 616,04E | . 40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Can a can be a can | Star Despt. | 510,781 | 276,177 |
| Miami-Fort Lauderdale | 591,440 | 394,042 | 50.1 | El Paso | 411,619 | 297,001 38.6 |
| Danie Con Word | er alt | | 42.7 | Manager And Anna Control | | 190,003 |
| San Francisco-Oakland-San Jose | 537,753 | 468,477 | 14.8 | McAllen-Edinburg-Mission,Tex. | 326,972 | 230,212 42.0 |
| Cleveland-Akren-Lorain | (· • - · · - · · · · · · · · · · · · · · | 426.861 | | Kreeno | 236,634 W | , |
| We New Orleans | 430,470 | 409,076 | 5.2 | Denver-Boulder | 226,200 228,868 | 173,687 30.2 147,602 30.82.7 |
| | 423,102 | • | | Philadephia Wilmington-Trenton | 224,786 | <i>8</i> 1977, 1908, 2019 (1967 € 1968 |
| Memphis | 399,011 | 364,253 | 9.5 | Washington | 212.005 | |
| Nation Virginia Beach Newton Name | 252,340 | 221,458 | 13.9 | Boston-Lawrence-Salem | 193,199 | 92,463 108.9 |
| Richmond-Petersburg | | 240.271 | | Egipus Christ | 181,860 | 188,119 38 PYSU'S |
| Boston-Lawrence-Salem | 239,059 | 176,265 | 35.6 | Albuquerque | 178,310 | 154,620 15.3 |
| Charlette Gastonia | 231,654 | | THAT | Sporamento 10 15 No. 10 No. | 172,974 | 105,665 3 63.16 |
| Milwaukee-Racine | 214,182 | 184,571 | 30.1 | & Tucson | 163,262 | 111,418 46.5 |
| UL W | | | 7 DU S | Alask State of the | **159,942 P 🐔 | 94,367 |
| Kansas City | 200,508 | 180,161 | 11.3 | Bakersfield | 151,995 | 87,028 74.7 |
| | 165,603 | 145,405 | | Tampii-St. Pelemburg-Clearwater | 139,248 | 60,265 73.6 |
| Raleigh-Durham | 183,447 | 148,624 | 25.1 | Laredo, Tex. | 125,069 | 90,842 37.7 |
| Greensboro-Winstoff-Selem | 100,004 | HIME | 124 | Visalis Tolans Porterville, Calif. | 120,693 | 73,208 |
| 1 Jeckennyille | 181.285 | 158.025 | 16.2 | Salinas-Seaside-Monterey, Calif. | 119,570 | 75,129 59.2 |
| Pitteburgh-Beaver Valley | HALL TANK | AND THE STATE OF T | | Blockton, Call | 112,673 | 75,129 59.2 66,565 70,3 55,356 77.4 |
| Indianapolis | 172,326 | 157,254 | 9.6 | Santa Barbara-S. Maria-Lompoc | 98,199 | |
| Bource: Associated Press | MILE STREET, STATES | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | | | |
| The state of the s | | | A PARTY N | 地名美国拉克斯 斯 地名美国拉克斯 1995年,1995年 | N 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 表u. 中山中中山外的一种大学的 在雙軸吸上。 |



Ethnic Changes in the Classroom

Projected percentage of enrolled public school students in 1995 who will be nonwhite, or Hispanic, or both:



Sources: Western insterstate Commission for Higher Education and the College Board



TABLE 6

ETHNIC/RACIAL FAMILY INCOME DIFFERENTIALS IN THE UNITED STATES

1970 - 1990

| Annual Median Family Income Non-Hispanic White | | ce/Ethnicit Hispanic (Overall) | y Mexican | P.Rican | Cuban |
|--|--------|--------------------------------------|--------------|---------|--------|
| 1970 Fam. Inc. \$10,236 | 6,279 | 7,334 | 7,117 | 5,975 | 8,387 |
| Minority Income as a Fraction of White: | 0.61 | 0.72 | 0.69 | 0.58 | 0.82 |
| 1979 Fam. Inc. \$21,014 | 12,627 | 14,712 | 14,765 | 10,734 | 18,245 |
| Minority Income as a Fraction of White: | 0.60 | 0.70 | 0.70 | 0.51 | 0.87 |
| 1987 Fam. Inc. \$32,274 | 18,406 | 20,306 | 19,968 | 15,185 | 27,294 |
| Minority Income as a Fraction of White: | 0.57 | 0.63 | 0.62 | 0.47 | 0.84 |
| 1990 Fam. Inc. \$35,975 | 20,209 | 23,446 | 22,245 | 19,933 | 31,262 |
| Minority Income as a Fraction of White: | 0.56 | 0.65 | 0.62 | 0.55 | 0.87 |

Sources: U.S. Department of Commerce, Bureau of the Census, Current Population Reports: The Hispanic Population in the United States, March 1988, Series P-20, No. 438, U.S. Government Printing Office, Washington, D.C., July 1989; Current Population Reports: Money Income and Poverty Status in the United States, 1988, Series P-60, No. 166, U.S. Government Printing Office, Washington, D.C., October 1989; 1980 Gensus of Population: Characteristics of the Population, General Social and Economic Characteristics, Part I, U.S. Government Printing Office, Washington, D.C., December 1983; Current Population Reports: Selected Characteristics of Persons and Families of Mexican, Puerto Rican and Other Spanish Origin: March 1971, Series P-20, No. 224, U.S. Government Printing Office, Washington, D.C., November 1971; Current Population Reports: The Black Population in the United States: March 1990, U.S. Government Printing Office, Washington, D.C., November 1991; and Current Population Reports: The Hispanic Population in the United States: March 1990, March 1991.



TABLE 7

REAL FAMILY INCOME IN THE UNITED STATES, BY RACE/ETHNICITY

(Expressed in 1985 dollars)

1972 - 1988

| ⁷ ear | | | | lars |
|------------------|-----------------------|-----------------------|-----------------------|--------------|
| Year | Non-Hispanic White | Non-Hispanic Black | Hispanic (Overall) | Puerto Rican |
|)72 | \$30,476 | 18,113 | 21,593 - | 17,676 |
| 980 | \$31,173 | 17,510 | 20,943 - | 15,898 |
| 1985 | \$32,046 | 18,453 | 20,916 - | 14,142 |
| 1988 | \$33,915 | 19,329 | 21,769 - | 15,940 |

Source: U.S. Department of Commerce, Bureau of the Census, <u>Current Population Reports: Money Income and Poverty Status in the United States. 1988</u>, Series P-60, No. 166, U.S. Government Printing Office, Washington, D.C., October 1989, Table F-6.



TABLE 8

FAMILY STRUCTURE, INCOME AND POVERTY IN THE U.S., BY RACE/ETHNICITY

1990

| | Non-Hispanic White | Non-Hispani Black | c Hispanic (Overall) | | P.Rican | Cuban |
|---|-----------------------|----------------------|-------------------------|--------|---------|--------|
| Median Family Income | \$35,975 | 20,209 | 23,446 | 22,245 | 19,933 | 31,262 |
| Mean Number of Persons in the Family | 3.09 | 3.37 | 3.82 | 4.14 | 3.25 | 2.97 |
| Per-Capita Income | \$11,642 | 5,997 | 6,138 | 5,373 | 6,133 | 10,526 |
| Minority Per-Capita Income as Fraction of White | - | 0.52 | 0.53 | 0.46 | 0.53 | 0.90 |
| Proportion of Famil | lies | • | | | | |
| Below Poverty Level | | 27.8 | 23.4 | 25.7 | 30.4 | 12.5 |
| Proportion of Famil Below Poverty Level with Female Head, r Spouse Present | L | 46.5 | 47.5 | 49.1 | 56.5 | N.A. |

N.A. - Not Available

Sources: U.S. Department of Commerce, Bureau of the Census, <u>Current Population Reports:</u> The Hispanic Population in the United States, <u>March 1991</u>, Series P-20, No. 438, U.S. Government Printing Office, Washington, D.C., July 1989; <u>Current Population Reports: Money Income and Poverty Status in the United States, 1988</u>, Series P-60, No. 166, U.S. Government Printing Office, <u>Washington</u>, D.C., October 1989; and <u>Current Population Reports: The Black Population in the United States</u>, November 1991.



TABLE 9

LABOR MARKET STATISTICS, BY RACE/ETHNICITY: MARCH 1990

Persons 16 years of age and older

| | Non-Hispanic White | Non-Hispanic Black | Hispanic (Overall) | Mexican | P.Rican | Cuban |
|--|-----------------------|-----------------------|-----------------------|---------|---------|-------|
| I. Labor Force Participation Rates (%) | | | | | | |
| Men | 76.5 | 69.2 | 79.6 | 81.2 | 69.2 | 74.9 |
| Women | 57.1 | 58.2 | 53.5 | 52.9 | 41.4 | 57.8 |
| II. Unemployment Rates (%) | | | | | | |
| Men | 5.0 | 11.5 | 8.0 | 8.6 | 8.2 | 6.3 |
| Women | 4.3 | 10.0 | 8.5 | 9.8 | 9.1 | 5.1 |
| | | | | | | |

Sources: U.S. Department of Commerce, Bureau of the Census, <u>Current Population Reports: The Hispanic Population in the United States, March 1991</u>, Series P-20, No. 438, U.S. Government Printing Office, Washington, D.C., July 1989; <u>Current Population Reports: Mcney Income and Poverty Status in the United States, 1988</u>, Series P-60, No. 166, U.S. Government Printing Office, Washington, D.C., October 1991.



TABLE 10

OCCUPATIONAL DISTRIBUTION OF EMPLOYED WORKERS, BY RACE/ETHNICITY

Persons 16 years of age or older

1988

| | Non-Hispanic White | Non-Hispanic Black | Hispanic (Overall) | Mexican | P.Rican | Cuban |
|--------------|-----------------------|-----------------------|-----------------------|---------|---------|-------|
| White Collar | 57.7% | 43.2 | 39.3 | 34.7 | 45.9 | 58.8 |
| Blue Collar | 27.0 | 31.8 | 37.0 | 40.8 | 35.5 | 28.6 |
| Service | 12.1 | 23.1 | 17.6 | 16.6 | 17.5 | 11.7 |
| Farm | 3.2 | 1.9 | 5.5 | 7.9 | 1.1 | 0.9 |
| | | | | | | |

White Collar: Managerial and professional,

technical, sales and administrative.

Blue Collar: Craft and repair

operators, fabricators and non-farm laborers.

Service: Business services, entertainment, household services.

Farm: Farm laborers, forestry and fishing.

Source: As above.



TABLE 11

MEDIAN EARNINGS DIFFERENTIALS, BY RACE/ETHNICITY

Employed civilians, over 16 years of age, 1990

| | Non-Hispanic White | Non-Hispanic Black | Mexican | Puerto Rican | Cuban |
|---|-----------------------|-----------------------|---------|--------------|--------|
| | | MEN | | | |
| Hourly Wage | \$22,158 | 15,320 | 12,527 | 18,222 | 19,336 |
| Proportion of Minority Wage as a Fraction of Wage among Whites | | . 69 | .57 | . 82 | . 87 |
| | | WOMEN | | | |
| Hourly Wage | \$11,724 | 11,524 | 8,874 | 12,812 | 12,880 |
| Proportion of Minority Wage as a Fraction of Wage among Whites | | • . 98 | .76 | 1.09 | 1.10 |

Source: U.S. department of Commerce, Bureau of the Census, <u>Current Population</u>
<u>Reports: The Hispanic Population in the United States</u>, March 1991.



TABLE 12

MEDIAN AGE AND LABOR MARKET EXPERIENCE OF THE POPULATION, BY RACE/ETHNICITY

1990

| | Non-Hispanic White | Non-Hispanic Black | Hispanic (Overall) | Mexican | Puerto Rican | Cuban |
|---|-----------------------|-----------------------|-----------------------|---------|--------------|-------|
| Median Age (1987) | 33.7 | 27.9 | 26.0 | 24.1 | 27.0 | 39.1 |
| Estimated Labor Marke Experience Level (1980) | t 16.1 | 16.1 | - | 15.2 | 14.8 | 21.0 |

Estimated Mean Experience Levels - Age minus years of schooling minus 6.

Source: Francisco Rivera-Batiz and Selig L. Sechzer, "Substitution and Complementarity Between Immigrant and Native Labor in the United States," in F. Rivera-Batiz, S. Sechzer and I. Gang, eds., <u>U.S. Immigration Policy Reform in the 1980s: A Preliminary Assessment</u>, Praeger Publishers, New York, N.Y., forthcoming, 1990.



TABLE 13

MEDIAN YEARS OF SCHOOL COMPLETED, BY RACE/ETHNICITY

Persons 25 years of age or older

| Year | Non-Hispanic White | Non-Hispanic Black | Hispanic (Overall) | |
|---------|-----------------------|-----------------------|-----------------------|---|
| 1970 | | | | _ |
| Overall | 12.1 | 9.8 | 9.1 | |
| Men | 12.1 | 9.4 | 9.3 | |
| Women | 12.1 | 10.1 | 8.9 | |
| 1980 | | | | |
| Overall | 12.5 | 12.0 | 10.8 | |
| Men | 12.5 | 12.0 | 11.1 | |
| Women | 12.6 | 12.0 | 10.6 | |
| 1987 | | | | |
| Overall | 12.7 | 12.4 | 12.0 | |
| Men | 12.8 | 12.4 | 12.1 | |
| Women | 12.6 | 12.4 | 12.0 | |

Sources: As above.



TABLE 14

HIGH SCHOOL AND COLLEGE COMPLETION RATES (%), BY RACE/ETHNICITY

Persons 25 years of age and older

| Year | Non-Hispanic White | Non-Hispanic Black | Hispanic (Overall) | Mexican | P.Rican | Cuban |
|------|-----------------------|----------------------------|-----------------------|----------|---------|-------|
| | % That Has (| Completed 4 ye | ars of Hig | h School | | |
| 1970 | 54.5 | 31.4 | 32.1 | 24.2 | 23.4 | 43.9 |
| 1980 | 68.8 | 51.2 | 44.0 | 37.6 | 40.1 | 55.3 |
| 1990 | 88.8 | 79.9 | 50.8 | 44.1 | 55.5 | 63.5 |
| | % That Has Con | npleted 4 Year | s or More | of Colle | ge | |
| 1990 | 28.5 | 15.5 | 9.2 | 5.4 | 9.7 | 20.2 |
| | | in High Schoong Whites - % | | | 5 | |
| 1970 | - | 23.1 | 22.4 | 30.3 | 31.1 | 10.6 |
| 1980 | - | 17.6 | 24.8 | 31.2 | 28.7 | 13.5 |
| 1990 | | 8.9 | 20.7 | ,, , | 33.3 | 05.0 |

Sources: As above.

TABLE 15. QUANTITATIVE LITERACY SKILLS AMONG YOUNG ADULTS

SCORE ON QUANTITATIVE LITERACY TEST N (Mean plus Standard Deviation in parenthesis) 840 272.40 **MALES** (59.25)277.88 Fully-Employed 775 (55.27)207.00 65 Nonemployed (66.11)274.72 **FEMALES** 1077 (57.49)Fully-Employed 680 290.41 (51.18)Nonemployed 397 247.85 (57.83)ETHNIC GROUP 482 292.82 White Males (49.46)583 299.03 White Females (47.04)241.93 Black Males 205 (56.67)302 Black Females 243.83 (49.76)

Source: Francisco L. Rivera-Batiz, "Quantitative Skills and the Likelihood of Employment Among Young Adults in the U.S.," *Journal of Human Resources*, Spring 1992. Based on data from: National Assessment of Educational Progress, Young dult Literacy Survey, 1988; scores are based on a 0-500 scale, as detailed in

127

170



Hispanic Males

Hispanic Females

239.27 (63.09)

246.15

(63.28)

APPENDIX 1

Sample Questions from NAEP's Young Adult Literacy Survey, Quantitative Literacy Test

Quantitative Literacy

Successful performance on the quantitative scale requires the use of mathematical operations such as addition, subtraction, multiplication, and division — either singly or in combination — to solve problems that are embedded to varying degrees in printed material. Proficiency on this scale seems to be a function of the particular operation called for, the number of operations needed to perform the task, and the extent to which the numerical task is embedded in printed material.



92% of Total Group

The task that best typifies the lowest level on the quantitative scale requires totaling two entries on a bank deposit slip (233).

| NATIONAL BANK | | | CASH CHECKS List Singly | Dollars 57 | Cent 23 |
|----------------|---|--|-------------------------------|---------------|------------|
| (Please Print) | Please use your personalizer if you need more, see your | Please use your personalized deposit tickets. If you need more, see your personal banker. | | 300 | 00 |
| Name | | BE SURE EACH ITEM IS | | | |
| | 19 | PROPERLY _ | - | | |
| | | Total Items | TOTAL | | |

[Source: Kirsch and Jungeblut (1987, pages 30-31).





72% of Tot 31 Group

Tasks estimated to be slightly above the 275 level involve entering deposits and checks and balancing a checkbook. These range from 281 to 293.

Complete the check ledger for the month of September. Keep a running total of the balance and include the following:

\$50 deposit on 9/27
check 108 payable to Mr. Davis for \$18.49 on 9/27
check 109 payable to Electric Co. for \$53 on 9/28
the \$5 monthly service fee for your checking account

RECORD ALL CHARGES OR CREDITS THAT AFFECT YOUR ACCOUNT

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RECORD ALL CHARGES OR CREDITS THAT AFFECT YOUR ACCOUNT

RECORD ALL CHARGES

[Source: Kirsch and Jungeblut (1987, pages 31-32)]





38% of Total Group

A task typical of performance at the 325 level requires the reader to examine a menu to compute the cost of a specified meal and to determine the correct change from a specified amount (337). The difficulty of such tasks reflects the need to match information and then to apply two operations in sequence.

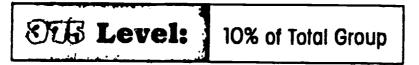
Suppose you had \$3.00 to spend for lunch.

| If you order a Lancaster Special sandwich and onion soup, how much change would you get back? | |
|---|--|
| How much should you leave for a 10% tip? | |

| Soups — Made by our Chef Daily | |
|--|-----------------------------|
| • | |
| Onion soup | .60 |
| Soup of the day | 60 |
| Vichyssoise in Summer | |
| Beef-burgers, broiled to order. | 1 85 |
| 1/4 lb. of the finest Beef available, seasoned to perfecti | on |
| and served on a buttered bun | |
| Wine Cheddar-cheese burger | 1 95 |
| Blue-cheese burger | 1 95 |
| Pineapple burger | 1 95 |
| Bacon burger | 2 10 |
| Wine Cheddar∙cheese & Bacon burger | 2 25 |
| Sandwiches | |
| Sliced Turkey — Garnished | 1 30 |
| Turkey Salad — Garnished | 95 |
| Chicken Salad - Garnished | 95 |
| Tuna Fish Salad — Garnished | 95 |
| Sliced Beef Tongue — Garnished | 1 50 |
| Grilled Wine Cheddar-Cheese | 75 |
| The Lancaster Special | 1 95 |
| Corned Beef. Melted Swiss Cheese. Sauerkraut | |
| on Seeded Rye Need we say more? | |
| Minimum Check at Lunch | 1.00 |
| | (Reduced from original copy |

[Source: Kirsch and Jungeblut (1987, page 34)]



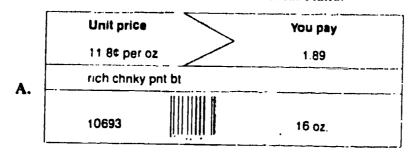


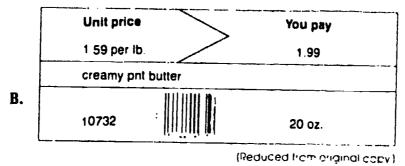
One task that typifies performance at the 375 level requires the reader to use a page from a catalogue to fill out an order form, calculate the costs for a number of items, and total the costs (371). Another task presents unit pricing information similar to that found in a grocery store; the reader is required to select the least costly product (376).

You need to buy peanut butter and are deciding between two brands.

Estimate the cost per ounce of the creamy peanut butter. Write your estimate on the line provided.

Circle the letter next to the more economical brand.





[Source: Kirsch and Jungeblut (1987, page 34)]